

# A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 17-248-061

CLIENT NO: 5441-D

SEND TO: TERRA RENEWAL DBA DENALI WATER  
12812 VALLEY VIEW #9  
GARDEN GROVE, CA 92845

SUBMITTED BY:

CUSTOMER: MERCED

LAB NO: 22394

DATE: 09/18/2017

## ORGANIC FERTILIZER REPORT

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| SAMPLE ID       | REPORT OF ANALYSIS IN PERCENT |              |   |             |                         |          |              |            |           | REPORT OF ANALYSIS IN PARTS PER MILLION |             |              |           |         |      |  |
|-----------------|-------------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---|-------------|--------------|-----------|---------|------|--|
|                 | Nitrogen N                    | Phosphorus P | Phosphate P <sub>2</sub> O <sub>5</sub> | Potassium K | Potash K <sub>2</sub> O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe                                 | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B    |  |
| EL DORADO HILLS | 6.08                          | 2.38         | 5.45                                    | 0.260       | 0.313                   | 0.950    | 0.480        | 1.920      | 0.080     | 9289                                    | 14360       | 1265         | 386       | 720     | 30.0 |  |

| SAMPLE ID       | POUNDS OF NUTRIENTS / TON |              |   |             |                         |          |              |            |           |         |             |              |           |         |      |  |
|-----------------|---------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---------|-------------|--------------|-----------|---------|------|--|
|                 | Nitrogen N                | Phosphorus P | Phosphate P <sub>2</sub> O <sub>5</sub> | Potassium K | Potash K <sub>2</sub> O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B    |  |
| EL DORADO HILLS | 121.6                     | 47.6         | 109.1                                   | 5.2         | 6.3                     | 19.0     | 9.6          | 38.4       | 1.6       | 18.6    | 28.7        | 2.5          | 0.8       | 1.4     | <0.1 |  |

☐ Reported on an as-received basis      Moisture =

☒ Reported on a dry basis      Moisture = 85.12%

**Remarks:** To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 8.5  
C:N Ratio = 7:1  
Soluble Salts = 1.3 dS/m  
Organic Matter = 74.16 %  
Ammonia Nitrogen = 0.003 %  
Nitrate Nitrogen = <0.0025 %  
Chloride = 0.18 %  
Organic Nitrogen = 6.07 %  
Volatile Solids = 74.16 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.

  
Robert Butterfield

A & L WESTERN LABORATORIES, INC.

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